

What is claimed is:

1. A flat panel for a cathode ray tube, comprising:

5 a faceplate having a useful screen for displaying an image;

a skirt portion which extends from a perimeter of the faceplate and has a seal edge; and

a blend round portion joining the faceplate with the skirt portion,

10 wherein when an average outer curvature radius R1 and an average inner curvature radius R2 of the faceplate are equal to or greater than 10,000 mm, an overall height H of the faceplate satisfies a following relationship:

$$T_1 + 10 \leq H \leq D \times 0.12$$

15 where T_1 and D are a face center thickness of the faceplate and a diagonal length of the useful screen, respectively.

2. The flat panel of claim 1, wherein the face center thickness T_1 and a seal edge thickness T_2 satisfy following relationships respectively so that the flat panel has an allowable tensile stress satisfying UL standards for implosion proof:

$$D \times 0.02 \leq T_1 \leq D \times 0.037$$

$$D \times 0.014 \leq T_2 \leq D \times 0.026.$$